"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

SHISHKINA, V.I.; P'YANKOVA, L.N.

Characteristics of the structure and chemical transformations of carbazole and some of its derivatives. Report No. 7: Synthesis of di- and polyazo dyes based on carbazole. Trudy Ural.politekh. inst. no.96:24-31 '60. (MIRA 14:3)
(Azo dyes) (Carbazole)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ALEKSEYEVA, V.P.; P'YANKOVA, M.D.; SULTANBEK, R.Kh.

Albumin-urea-formaldehyde glue for particle borads. Der.prom. 10 no.5:20 My '61. (MIRA 14:5)
(Glue) (Hardboard)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

FETISOV, S.G.; PROKHOROV, A.V.; STAPANOV, F.P.; Prinimali uchastiye: GONCHAROV, A.F., inzh.; P'YANKOVA, V.F., inzh.

Effect of deoxidation on properties of low carbon structural steel alloyed with manganese. Stal' 24 no.12:1090-1092 D '64. (MIRA 18:2)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANKOVA, Ye. V.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OTES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROGHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA, Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN, N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,

(Continued on next card)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ANDON'YEV, V.L.... (continued) Card 2.
Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBRAZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.E., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; FILASO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,
(Continued on next card)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ANDON'YEV, V.L.... (continued) Card 3.
Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N., tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHKOVSKIY, N.V., tekhn. red.

[Volga-Don; technical account of the construction of the V.I. Lenin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ANDON'YEV, V.L.... (continued) Card 4.
Glav. red. S.IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.
(MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal--Hydraulic engineering)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

MAKAMCHIVA, R.K.; P'YANKOVA, Z.P.

Steroid hormones in the treatment of skin diseases. Zdrav. Kazakh. 21 no.11:45-49 '61. (MIRA 15:7)

1. Iz kafedry kozhnykh bolezney (zav. - prof. U.B. Berdybayev) Kazakhskogo meditsinskogo instituta i Kazakhskogo venerologicheskogo instituta (direktor - kand. med. nauk M.O. Omarov).
(SKIN--DISEASES) (STEROID HORMONES)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANKOVA, Z.P.

Results and some general reactions of the organism following local treatment of eczema with tar preparations. Vest.derm. i ven. 31 no.2:14-20 Mr-Ap '57. (MIRA 12:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - chlen-korrespondent AMN prof. P.V. Kozhevnikov) Leningradskogo gosudarstvennogo ordena Lenina instituta usovershenstvovaniya vrachey imeni S.M. Kirova (dir. - prof. N.I. Blinov).

(ECZEMA, ther.
tar prep., eff. of local admin.)
(TARS, ther. use
eczema, eff. of local admin. of various tar prep.)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

EXCERPTA MEDICA Sec.13 Vol.12/1 Dermato & Venereo Jan58

PYANKOVA, Z. P.

191. RESULTS AND CERTAIN GENERAL REACTIONS IN THE ORGANISM AFTER LOCAL APPLICATION OF TAR PREPARATIONS IN CASE OF ECZEMATOUS PROCESSES (Russian text). Pyankova Z. P. VESTN. DERM. VENER. 1957, 2 (14-20) Graphs 2 Tables 2 Illus. 2

It was confirmed by systematic research that after local application of a 25% tar paste to the hand and a part of the forearm diverse phenomena testifying to the presence of considerable reflectory reactions in the organism of a patient appear. After the local application of the tar preparation an abatement or an aggravation of the eczematous process in symmetrical or remote parts of the body sets in; a normalization of sleep and an amelioration of the general state or the organism is possible. After the local action of tar, the number of leucocytes in the peripheral blood undergoes a a change; vascular reactions of the skin to histamine, as well as its galvanic reactions undergo a change. The general conclusion: the tar preparations exert not only a local but also a general influence on an organism.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANKOVA, Z. P.

P'YANKOVA, Z. P.: "Results of treatment and certain general reactions of the organism following local use of tar preparations in eczematous processes." Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Leningrad, 1956. (Dissertion for the Degree of Candidate in Medical Sciences.)

Knizhnaya letopis', No. 39, 1956. Moscow.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

1107. THERAPEUTIC RESULTS AND SOME GENERAL REACTIONS FOLLOWING LOCAL APPLICATION OF TAR PREPARATIONS IN ECZEMATOUS CONDITIONS (Russian text) - Pyankova Z. P. Dept. of Skin and Ven Dis., Postgrad. Inst., Moscow - NAUCH. TRUDY LEN. INST. USOVERSH. VRACH. 1957, 11 (69-86) Tables 7 Illus. 8

The efficacy of treatment of various forms of eczema with pix liquida pini (ol. rusci) was demonstrated on 150 patients. High concentrations (25-100%) with measured times of application (30 min. to 2 hr.) were employed. Simultaneously, a study was made of changes in the general constitution following the local action of 25-50% tar paste. It was found that sleep frequently becomes normal under the influence of tar preparations, the general itching decreases or disappears and changes appear in the number of leucocytes in the peripheral blood. Patients who tolerated the treatment well showed a marked increase in the leucocyte count in the peripheral blood, whereas those with an exacerbation of the eczema following tar application showed a marked decrease in the number of leucocytes. On skin testing with histamine (prick through a drop of histamine solution) a strong reaction appeared at the beginning of tar treatment and subsequently diminished. Changes are encountered not only in skin covered with the tar preparation, but also on the symmetrical and other parts of the body, so testifying to the existence of reflex changes in constitutional reactivity. It can therefore be concluded that tar preparations produce not only a local but also a general reaction, which should be taken into consideration during the course of treatment. Dobrotvorskaya - Leningrad (S)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYANKOVSKIY, V. (Ufa)

Recreation activity. Pozh.delo 4 no.11:26 N '58.
(MIRA 11:12)

(Firemen)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOV, Aleksey Stepanovich; TARLERSKIY, Aleksandr Genrikhovich; MAKAROVA, E.A., red.; GOLICHENKOVA, A.A., tekhn.red.

[Combined brigades of efficiency promoters] Kompleksnaia brigada ratsionalizatorov. Moskva, Izd-vo VTsSPS Profizdat, 1959. 44 p. (MIRA 13:7)
(Efficiency, Industrial)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOV, G.

Save valuable raw materials. Fin.SSSR 20 no.10:78 O '59.
(MIRA 12:12)

1. Starshiy inspektor gosdokhodov Krasnoyarskogo rayfinotdela Astrakhanskoy oblasti.
(Krasnyy Yar District--Fisheries)

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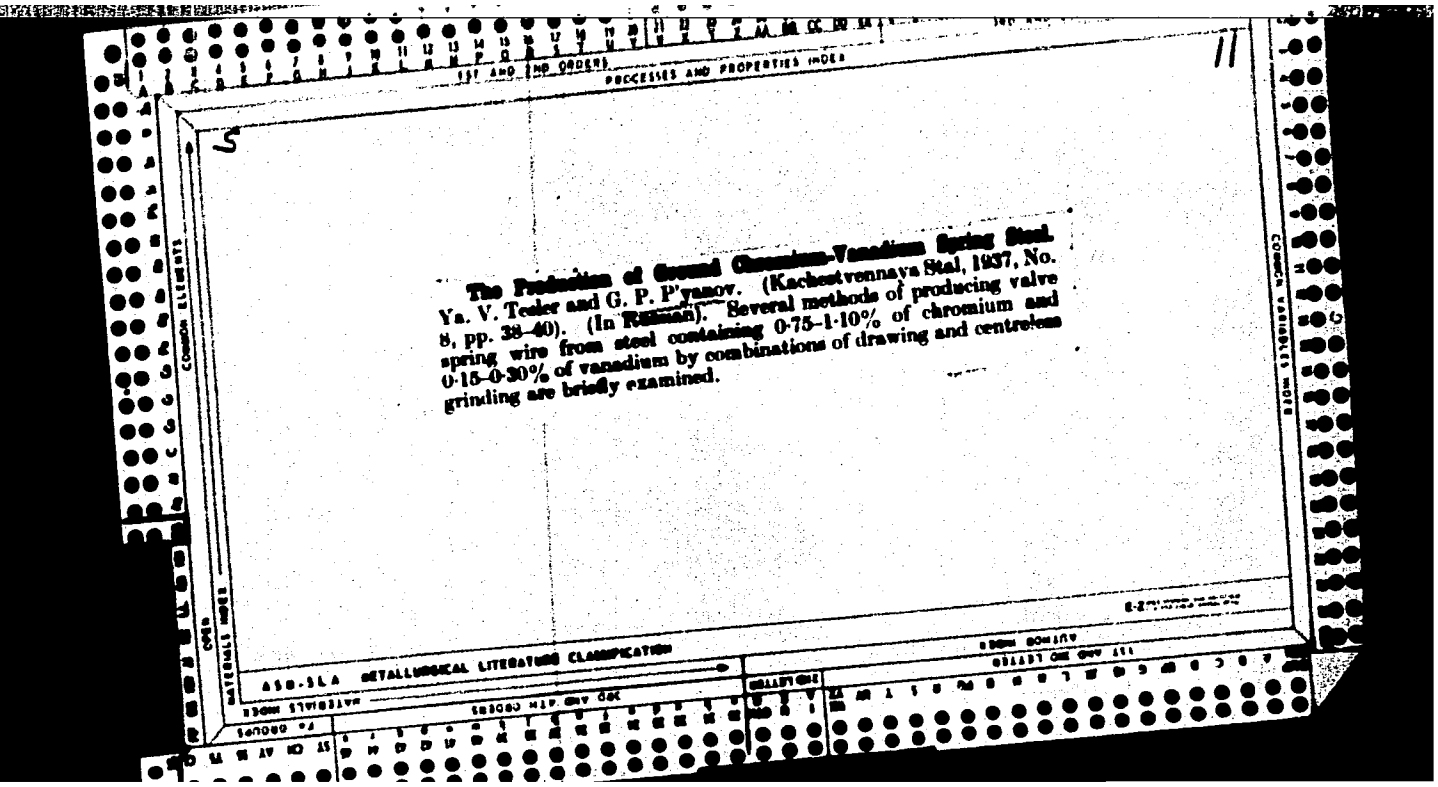

The Production of Special Chromium-Vanadium Spring Steel. Ya. V. Tesler and G. P. P'yanov. (Kachestvennaya Stal, 1937, No. 8, pp. 38–40). (In Russian). Several methods of producing valve spring wire from steel containing 0·75–1·10% of chromium and 0·15–0·30% of vanadium by combinations of drawing and centreless grinding are briefly examined.

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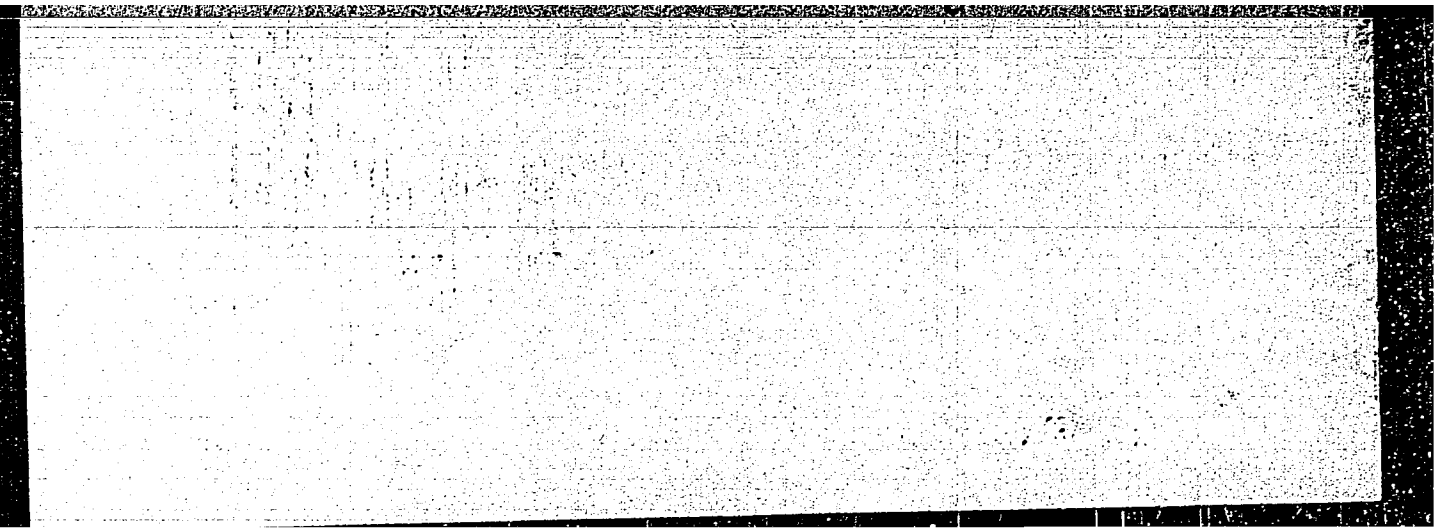

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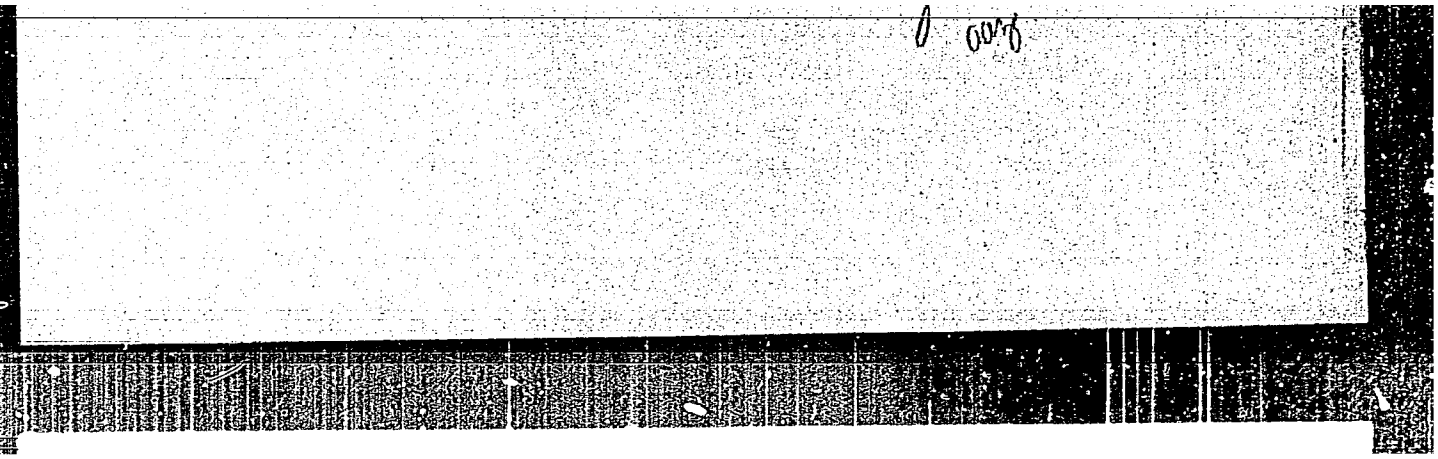

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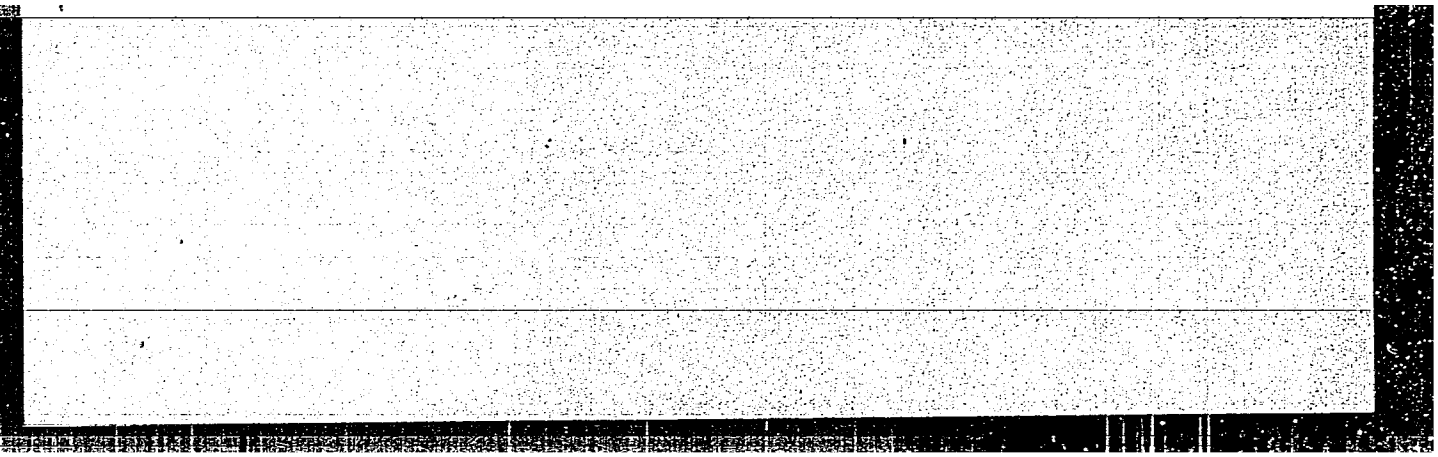

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOV, I. I., and IVANOVA, N. S.

"Fission of Uranium Nuclei Induced by High-Energy Protons,"
by N. S. Ivanova and I. I. P'yanov, Radium Institute,
Academy of Sciences USSR, Zhurnal Eksperimental'noy i
Teoreticheskoy Fiziki, Vol 31, No 3 (9), Sep 56, pp 416-
423

Uranium fission, accompanied by the emission of charged particles, was studied for the case of primary protons with energies ranging from 140 to 660 Mev.

"The interaction of high-energy protons with uranium nuclei can be conveniently divided into two stages. The first represents the development of a nuclear cascade process which is caused by collision of a primary proton with nucleons of the nucleus and which continues for 10^{-21}-10^{-22} seconds. As a result of this process fast nucleons fly out of the nucleus and the resultant nucleus acquires an excitation energy. The discharge of this excitation energy represents the second stage. The excited nucleus loses energy by evaporation of nucleons, whereupon, in the case of uranium, fission is possible at some excitation level because of the high value for Z^2/A of the parent nucleus."

"A complete picture of this process of emission of charged particles can be obtained with highly sensitive photoemulsions by which particles of any mass and energy can be recorded."

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"It is particularly interesting to compare the characteristics of the charged particles knocked out in the first stage with data we have obtained by the Monte Carlo method for a nuclear cascade process caused by protons of the corresponding energies."

"Satisfactory" agreement is found between the two sets of data. An estimate is made of the mean excitation energies of fissioned nuclei for incident proton energies 140, 350, 460, and 660 Mev.

Jum 1239

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

A. E. S.

Chemistry + Physics

Behavior of zinc ion in the separation of complexides with barium carbonate. N. I. Ivanova. *Uchenye Zapiski Kazan. Gosudarst. Univ.*, 102 (1942) 1) [3] 81-88 (1942); *Khim. Referat. Zhur.*, 4 [3] 81 (1941).—P. investigated the reaction between $ZnCl_2$ and $BaCO_3$ to determine the possibility of using $BaCO_3$ for separating complexides from complexides. An excess of $BaCO_3$ precipitates Zn^{++} as $ZnCO_3$. In separating the complexides, therefore, it should be taken into account that the precipitate will contain Zn besides Al, Fe, and Cr. M.Ho.

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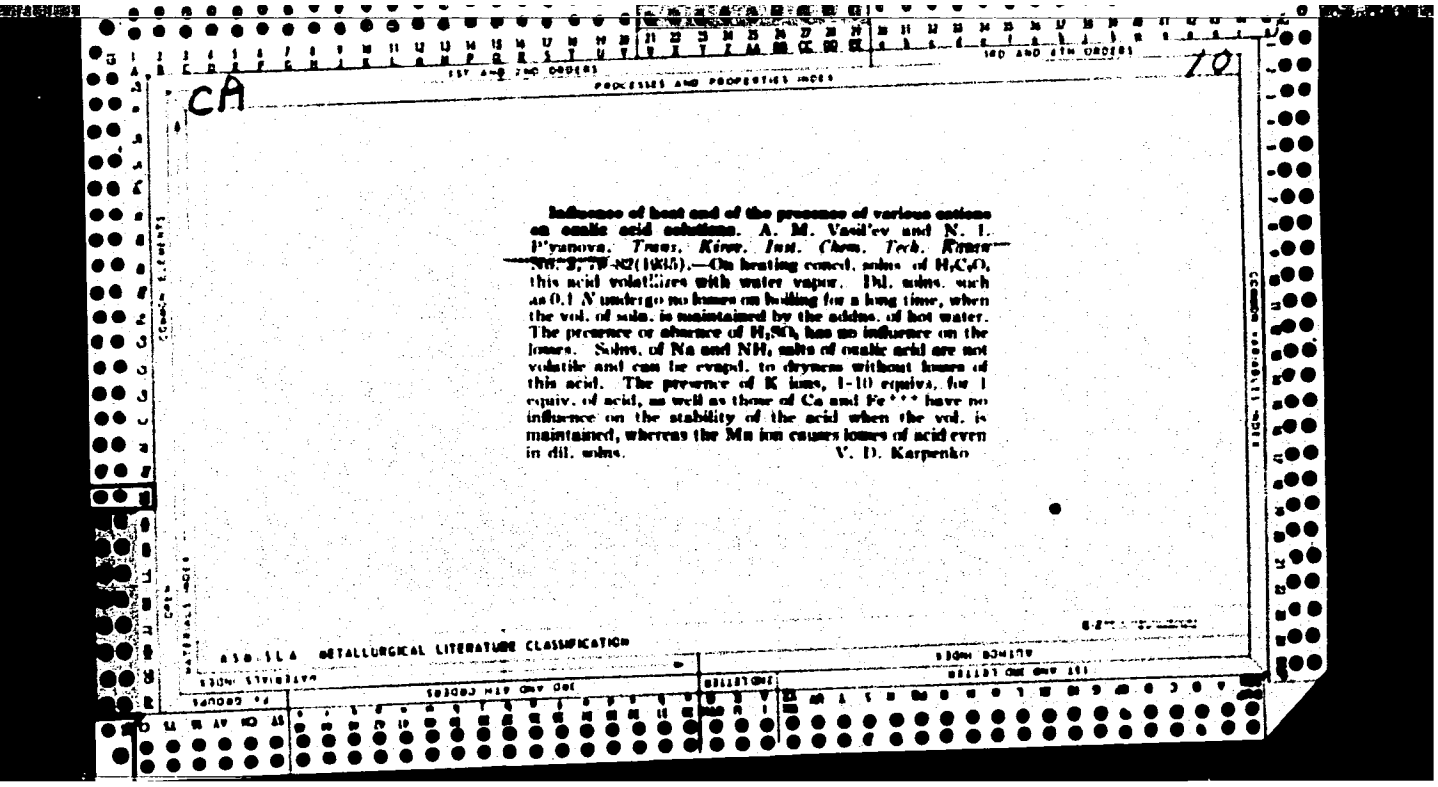

CA

10

Influence of heat and of the presence of various cations on oxalic acid solutions. A. M. Vasil'ev and N. I. P'yanova. *Trans. Kiev. Inst. Chem. Tech. Kiev* No. 2, 79-82(1935).—On heating concd. solns. of $H_2C_2O_4$, this acid volatilizes with water vapor. Dil. solns. such as 0.1 *N* undergo no losses on boiling for a long time, when the vol. of soln. is maintained by the addns. of hot water. The presence or absence of H_2SO_4 has no influence on the losses. Solns. of Na and NH_4 salts of oxalic acid are not volatile and can be evapd. to dryness without losses of this acid. The presence of K ions, 1-10 equivs. for 1 equiv. of acid, as well as those of Ca and Fe^{+++} have no influence on the stability of the acid when the vol. is maintained, whereas the Mn ion causes losses of acid even in dil. solns.

V. D. Karpenko

A58.11A METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

AKHMEDIN, Kh.; P'YANOV, I.

Production accounting and calculation of the cost of production in continuous production processes. Bukhg.uchet 15 no.9:24-27 S '56. (MLRA 9:11)

1. Zamestitel' glavnogo bukhgaltera Karagandinskogo zavoda sinteticheskogo kauchuka, Temir-Tau (for Akhmedin). 2. Rukovoditel' gruppy ucheta proizvodstva Karagandinskogo zavoda sinteticheskogo kauchuka (for P'yanov).
(Rubber industry--Accounting)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

GORICHEV, P.A.; PIYANOV, I.I.

Angular distributions of fragments. IAd. fiz. 2 no.1:97-108 Jl '65.
(MIRA 18:8)

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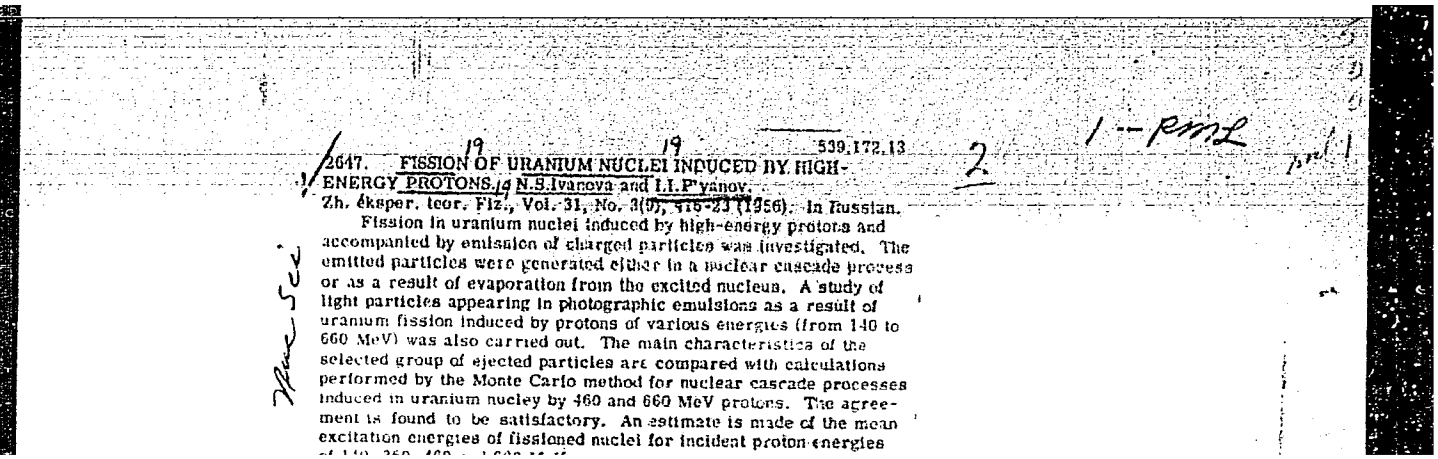
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5



19 19 539.172.13

2647. FISSION OF URANIUM NUCLEI INDUCED BY HIGH-ENERGY PROTONS./ N.S.Ivanova and I.I.P'yanov.
Zh. éksper. teor. Fiz., Vol. 31, No. 3(9), 415-23 (1956). In Russian.

Fission in uranium nuclei induced by high-energy protons and accompanied by emission of charged particles was investigated. The emitted particles were generated either in a nuclear cascade process or as a result of evaporation from the excited nucleus. A study of light particles appearing in photographic emulsions as a result of uranium fission induced by protons of various energies (from 140 to 660 MeV) was also carried out. The main characteristics of the selected group of ejected particles are compared with calculations performed by the Monte Carlo method for nuclear cascade processes induced in uranium nuclei by 460 and 660 MeV protons. The agreement is found to be satisfactory. An estimate is made of the mean excitation energies of fissioned nuclei for incident proton energies

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ACCESSION NR: AP5020259 UR/0367/65/002/001/0097/0108

23
22
B

AUTHOR: Gorichev, P. A.; P'yanov, I. I. 19

TITLE: The angular distribution of fragments

SOURCE: Yadernaya fizika, v. 2, no. 1, 1965, 97-108

TOPIC TAGS: angular distribution, fission product, nuclear fission, spectral energy distribution

ABSTRACT: The authors use evaporation theory to derive formulas connecting energy and the angular distributions of fragments and making it possible to find any angular characteristic of the fragments from the energy spectrum. They are derived on the basis of a model in which the fragments are emitted isotropically by excited moving nuclei. It is shown that, in the framework of this model, it is possible to describe consistently both the angular and energy distribution of the fragments by means of three parameters (the temperature, the Coulomb barrier, and the longitudinal velocity of the nucleus emitting the fragment. This is based on the fact that at any energy of the incident particle it is always possible to choose a moving coordinate frame in which fragment emission is isotropic. The various calculated angular characteristics of the fragments are compared extensively with the experi-

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Card 1/2

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L 4380-66

ACCESSION NR: AP5020259

mental data for initial-particle energies in the region from 76 Mev to 25 Bev. The agreement between the calculated and experimental values is satisfactory in nearly all cases. This suggests that such an approach may explain the fragmentation process. "The authors thank Professor N. A. Perfilov and all the members of his laboratory for a useful and thorough discussion." Orig. art. has: 7 figures, 8 formulas, and 2 tables.

ASSOCIATION: None

SUBMITTED: 16Nov64 ENCL: 00 SUB CODE: NP

NR REF SOV: 011 OTHER: 014

Card 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

IZMAYLOV, S.V.; P'YANOV, I.I.

Production of tritium in the bombardment of heavy nuclei by fast protons. Zhur.eksp.i teor.fiz. 41 no.1:118-126 Jl '61. (MIRA 14:7)

1. Radiyevyy institut AN SSSR.
(Collisions (Nuclear physics)) (Tritium) (Protons)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

AVETISOV, B.A.; P'YANOV, I.Ya.

Organization of the dispatcher control system. Shvein.prom. no.3:29-30 My-Je '62. (MIRA 15:6)
(Tashkent--Clothing industry--Management)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYANOV, I.I.

[Mechanization of sausage tie-off and of the continuous production of sausage casings] Mekhanizatsiia viazki kolbas i nepreryvnogo proizvodstva kolbasnoi obolochki. Moskva, TSentr. in-t nauchno-tekhn.informatsii pishchevoi promyshl., 1963. 134 p. (MIRA 18:1)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOV, S.

Mass participation is our principal objective. Za rul. 21 no. 6:28 Je '63. (MIRA 16:11)

1. Zamestitel' predsedatelya oblastnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu, Yaroslavl'.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOV, V.Ya. [P'ianov, V.IA.]

National writer. Nauka i zhyttia 9 no.3:43-44 Mr '59.
(MIRA 12:4)
(Rabinowitz, Shalom, 1859-1916)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ACC NR: AP6004824 SOURCE CODE: UR/0108/66/021/001/0015/0019

AUTHOR: Geranin, V. A. (Active member); Dugin, V. V. (Active member); P'yanov, V. M. (Active member)

ORG: Scientific and Technical Society of Radio Engineering and Electrocommunication (Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Spectra of time-restricted bell-shaped and sin x /x video pulses

SOURCE: Radiotekhnika, v. 21, no. 1, 1966, 15-19

TOPIC TAGS: video pulse, bell shaped pulse

ABSTRACT: Practical time-restricted bell-shaped and sin x/ x pulses are considered. A restricted bell-shaped pulse has a "pedestal" at its base. Neglecting the pedestal, the complex spectral density of the amplitude is: $S_a(i\varepsilon) = \frac{1}{\beta} e^{-z^2}[H(z) - H(-z^2)]$, where $H(z) = \int_0^z e^{-p^2} dp$. The latter integral can be evaluated by using tabulated functions and a few auxiliary formulas. Three bell-shaped pulses are presented graphically. The complex spectral density of a sin x /x pulses is given by:

$$S_{x_0}\left(i\frac{f}{F}\right) = \frac{1}{F}\left\{\mathrm{Si}\left[\alpha\pi\left(1+\frac{f}{F}\right)\right] + \mathrm{Si}\left[\alpha\pi\left(1-\frac{f}{F}\right)\right]\right\}.$$

Card 1/2 UDC: 621.374

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ACC NR: AP6004024

The shape of this pulse is shown. Orig. art. has: 5 figures and 37 formulas.

SUB CODE: 09 / SUBM DATE: 13Jan64 / ORIG REF: 004

Card 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOVA, M.M.

Prevention of complications following appendectomy. Sov. med. 26 no.2:148-150 F'63. (MIRA 16:6)

1. Iz kafedry obshchey khirurgii (ispolnyayushchiy obyazannosti zav. - dotsent S.M.Seit-Umerov) Vladivostokskogo meditsinskogo instituta i mediko-sanitarnoy chasti (glavnyy vrach S.G. Bogatkina) Dal'nevostochnogo morskogo zavoda.
(APPENDECTOMY)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOVA, V.I.

From the ezperience of practical work on the subject of "Fertilizers." Politekh.obuch. no.1:42-43 Ja '59.
(MIRA 12:2)

1. Srednaya shkola No.126, g.Gor'kiy.
(Fertilizers and manures) (Gorkiy--Agriculture--Study and teaching)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYANOVSKAYA, I.A.

History of the geological development in the Cretaceous and Paleogene of the Kyzyl Kum. Trudy Uz. geol. upr. no.2:49-51 '62. (MIRA 16:8)

(Kyzyl Kum--Geology)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYATKOV, K.K.; PYANOVSKAYA, I.A.; BUKHARIN, A.K.

Presence of faunally characterized Cambrian sediments in the central Kyzyl Kum. Uzb. geol. zhur. 8 no.1:87-88 '64.
(MIRA 18:5)

1. KGSPE.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYANOVSKAYA, I.A.; PYATKOV, K.K.

Lower Cretaceous sediments in the northern part of the Kyzyl Kum. Trudy Uz.geol.upr. no.1:46-47 '60. (MIRA 14:8)
(Kyzyl Kum--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

DIKENSHTEYN, G.Kh.; KUTUZOVA, V.V.; MASHKYKOV, K.K.; BABAYEV, A.G.; POL'STER, L.A.; YUFEREV, R.F.; SHISHOVA, A.I.; BAREYEV, R.A.; MAKAROVA, L.N.; MURADOV, K.; PYANOVSKAYA, I.A.; SEMOV, V.N.; SIROTINA, Ye.A.; TURKINA, I.S.; FEL'DMAN, S.L.; KHON, A.V.; KUNITSKAYA, T.N.; GOLENKOVA, N.P.; ROSHINA, V.M.; FARTUKOV, M.M.; SHCHUTSKAYA, Ye.K.; ALTAYEVA, N.V.; BYKADOROV, V.A.; KOTOVA, M.S.; SMIRNOV, L.M.; IBRAGIMOV, M.S.; KRAVCHENKO, M.F.; MARKOVA, L.P.; ROZYYEVA, T.R.; UZAKOV, O.; SLAVIN, P.S.; NIKITINA, Ye.A.; MILOGRADOVA, M.V.; BARTASHEVICH, O.V.; STAROBINETS, I.S.; KARIMOV, A.K.

[Splicing of the wires of overhead power transmission lines] Soedinenie provodov vozdushnykh linii elektroperedachi. Moskva, Energiia, 1964. 69 p. (Biblioteka elektromontera, no.132) (MIRA 17:9)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYATKOV, K.K.; PYANOVSKAYA, I.A.

History of the tectonic development of the central Kyzyl Kum. Uzb.geol.zhur. 8 no.3:39-47 '64. (MIRA 18:12)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov UzSSR. Submitted May 10, 1963.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYATKOV, K.K.; PYANOVSKAYA, I.A.

Early Mesozoic folding in the central Kyzyl Kum as illustrated by folds in the area of the Sarbatyr well. Trudy Uz.geol.upr. no.1:62-64 '60. (MIRA 14:8)
(Kyzyl Kum--Folds (Geology))

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

BATRAKOV, V.V.; P'YANKOVA, A.P.; IOFA, Z.A.

Behavior of an iron electrode in alkaline solutions at low temperatures. Zhur. fiz. khim. 38 no.5:1340-1343 My '64. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova. Submitted July 3, 1963.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOVA, R.Ye.

Diagnostic value of the complement fixation reaction and intracutaneous test in toxoplasmosis. Zhur. mikrobiol., epid. i immun. 42 no.11: 53-57 N '65. (MIRA 18:12)

1. Vladivostokskiy meditsinskiy institut. Submitted June 20, 1964.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

USSR / Farm Animals. General Problems Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21439

Author : Kalinina A. A., P'yanovskaya L. P.
Inst :
Title : The Effect of Increased Rations of Corn Silage on the Quality of Milk (Vliyaniye povyshennykh dach kukuruznogo silosa na kachestvo moloka)

Orig Pub: Sots. tvarinnitstvo, 1957, No 2, 27-28

Abstract: An experiment was conducted for 40 days on two groups of cows of the Simenthal breed. The cows of the first group during the first 10-day period consumed 31.5 kg. of silage per day, during the second 10-day period and in the beginning of the third one, 28 kg., and in the third and fourth 10-day periods, 35 kg. each. During the same periods of time, the cows of the second group consumed 25, 23 and 23 kg.,

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

USSR / Farm Animals. General Problems Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21439

Abstract: respectively. The analysis of the milk and milk products prepared from the milk of the cows belonging to both groups did not show any essential difference. It is pointed out that the increased rations of corn silage exert no effect on the quality and technological properties of the milk and milk products.

Card 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PAKHUCHIY, V.M., nauchnyy sotrudnik; KALININA, A.A., nauchnyy sotrudnik; PYANOVSKAYA, L.P., nauchnyy sotrudnik.

Chemical conservation of green fodder. Nauka i pered.op.v sel'khoz. 7 no.9:10-11 S '57. (MIRA 10:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva.
(Feeding and feeding stuffs)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, M.

New forms of the work organization and wages of collective farm machine operators. Sots.trud 4 no.6:77-82 Je '59. (MIRA 12:8)

(Collective farms) (Wages)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, M.

Methods for increasing productivity and economy of fuel in tractor work. MTS 18 no.8:19-22 Ag '58. (MIRA 11:9)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Tractors)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PITAK, M.V.; [illegible]IVANYKH, N.L.

Melting refractories with molten steel and slag. Ogneupory 30 no.3:31-37 '65. (MIRA 18:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

YAKUSHEVA, Z.P.; Prinimala uchastiye I' YANYKH R.

Conductometric titration of the KU-1 and KY-2 ion exchangers. Zhur. prikl. khim. 38 no.1:181-185 Ja '65. (MIRA 18:3)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, V.N., mayor

Improve the fastening of equipment on platforms. Vest. protivopozd. obor. no.5:28 My '61. (MIRA 14:7)
(Material handling)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, V.V.

Provide construction projects of Western Siberia with a supply of foam glass. Stek. i ker. 18 no. 1:35 Ja '61. (MIRA 14:1)
(Irkutsk Province—Glass, Cellular)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANOVSKAYA, Tat'yana Petrovna; TIKHONOVA, I., red.; SALAKHUTDINOVA, A., tekhn. red.

[More and cheaper pork; about swine growers on the "Vrevskii" No.4 State Farm]Bol'she deshevoi svininy; o svinovodakh sovkhoza "Vrevskii," no.4. Tashkent, Gosizdat UzSSR, 1961. 10 p. (MIRA 15:10)

(Swine)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYATOVSKAYA, T. P.

"The Intensity of Lactation in Karakul Sheep in Relation to Polycarpy." Cand Biol Sci, All-Union Sci Res Inst of Animal Husbandry, Moscow, 1955. (KL, No 10, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYAKOVSKAYA, T. P.

"Lactation of Multi-Offspring Sheep," Dok. v-s. Selkhoz. Nauk, No. 3, 1948. Mbr. All-Union Sci. Res. Inst. Livestock Raising -c1948. Moscow State Univ., -c1948-.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, A.N., inzhener.

Experimental rapid construction of precast reinforced concrete bridges. Avt.dor.19 no.5:7-8 My '56. (MLRA 9:8)
(Bridge construction)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, M.

In close connection with reality. NTO 2 no.7:41 Jl '60.
(MIRA 13:7)

1. Predsedatel' byuro sektsii ekonomiki Voronezhskogo pravleniya Nauchno-tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva.
(Voronezh Province--Agriculture)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

POZORIN, A.I., inzh.; TROFIMOV, I., kranovshchik; P'YANYKH, M.T., inzh.; BURDAKOV, D.

Readers' letters. Bezop.truda v prom. 4 no.2:34 F '60. (MIRA 13:5)

1. Otdel glavnogo mekhanika po karnovomu oborudovaniyu kombinata Severonikel' (for Pozorin). 2. Domostroitel'nyy kombinat, Rostov-na-Donu (for Trofimov Consultations. 3. Nachal'nik tekhnicheskogo otdela Upravleniya chernoy metallurgii Sverdlovskogo sovnarkhoza (for Burdakov).
(Industrial safety)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

P'YANYKH, Yu. (Selo Samashki Achkhoy-Martanovskogo rayona, Chechano-Ingushskaya ASSR)

Combining a gymnasium with a assembly hall. Politekh. obuch. no.8: 78-79 Ag '59. (MIRA 12:10)
(Schoolhouses)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

KHALILOV, A.D.; MAKAROV, Ye.S.; MAMEDOV, Kh.S.; P'YANZINA, L.Ya.

Crystalline structure of the minerals of the murmanite-lomonosovite group. Dokl. AN SSSR 162 no.1:179-182 My '65. (MIRA 18:5)

1. Institut khimii AN AzerSSR i Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo AN SSSR. Submitted November 14, 1964.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

ACCESSION NR: AP4019963 S/0020/64/154/006/1276/1279

AUTHOR: P'yanzina, L. Ya.

TITLE: Approximation of boundary value problem solutions for parabolic and hyperbolic equations by means of Cauchy problem solutions

SOURCE: AN SSSR. Doklady*, v. 154, no. 6, 1964, 1276-1279

TOPIC TAGS: boundary value problem, parabolic equation, hyperbolic equation, Cauchy problem, partial differential equation

ABSTRACT: The solutions of boundary value problems for parabolic and hyperbolic equations of the second order are obtained as limits, with , of the solutions to the Cauchy problem for some equations with the coefficients dependent upon | The parabolic equation

$$a(x, t)\frac{\partial u}{\partial t} + \sum_{i,j=1}^{n} \frac{\partial}{\partial x_i}\left(b_{ij}(x, t)\frac{\partial u}{\partial x_j}\right) + \sum_{i=1}^{n} c_i(x, t)\frac{\partial u}{\partial x_i} + d(x, t)u = \varphi(x, t). \quad (1)$$

is given in a cylinder = , where is a bounded domain of the space with a boundary . The following problems in are examined for equation (1) (a) first boundary value problem with the conditions

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$$u(x, t)|_{t=0} = f(x), \quad f(x) \in \mathring{W}_2^1(\Omega^-); \tag{2}$$

$$u(x, t)|_S = 0; \tag{3}$$

(b) second boundary value problem with condition (2) and

$$\frac{\partial u}{\partial \nu}\Big|_S = 0, \quad \text{where } \frac{\partial u}{\partial \nu} = \sum_{i,j=1} b_{ij} \frac{\partial u}{\partial x_j} \cos(\widehat{\nu x_i}); \tag{4}$$

(c) third boundary value problem with condition (2) and

$$\frac{\partial u}{\partial \nu} + Fu\Big|_S = 0, \tag{5}$$

where n is the normal exterior to S;

$F(x,t) > 0$. $F \subset C'$ in $[E_n \times [0T]]$.

"Author wishes to thank Professor O. A. Oleynik for his help in writing this paper." Orig. art. has: 22 equations.

ASSOCIATION: Matematicheskiy institut im. V. A. Steklova Akademii nauk SSSR (Mathematics Institute, Academy of Sciences, SSSR)

SUBMITTED: 15Nov63 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: MM NR REF SOV: 005 OTHER: 001

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

KHALILOV, A.D.; MAMEDOV, Kh.S.; MAKAROV, Ye.S.; PYANZINA, L.Ya.

Crystalline structure of murmanite. Dokl. AN SSSR 161 no.6: 1409-1411 Ap '65. (MIRA 18:5)

1. Institut khimii AN AzerSSR i Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo AN SSSR. Submitted November 14, 1964.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARG, E.

4743. PYARG, E. Opyt raboty sostavitelya poyezdov st. tallin -- vyayke tov. selistemyagi. pyarnu, 1954. 8s. 20sm. (vsesoyuz. nauch. inzh - tekhn. O-vo. pervichnaya organizatsiya pyarnus. otp-niya pyarnus. otp-niya baltiyskoy zh .d.) 500 ekz. b. ts. -- avt. ukazan v kontse teksta. -- na eston. yaz- (54-52464) 656.222.3 st

SO: Letopis' Zhrunal' nykh Statey, Vol. 7, 1949

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PETROVA, Klavdiya Pavlovna; SOROKIN, Aleksey Petrovich; PYARIKONNOVA, Mariya Ivanovna; BYKASOVA, G.I., red.; FREGER, D.F., red. izd-va; GVIRTS, V.L., tekhn. red.

[New developments in the technology of clothing manufacture in the Leningrad clothing factories] Novoe v tekhnologii izgotovleniia odezhdy na leningradskikh shveinykh predpriiatiiakh; obzor. Leningrad, 1962. 60 p. (MIRA 16:3)
(Leningrad--Clothing industry)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, B.K., laureat Stalinskoy premii.

Cleaning drain ditches in peat fields. Torf.prom. 31 no.5:11-12 Jl-Ag '54. (MLRA 7:8)

1. Torfopredpriyatiye Tootsi.
(Peat machinery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T., inzh.

Boatbuilding of plastic materials in foreign countries [from "Journal de la Marine Marchande" January 1959]. Rech.transp. 19 no.1:52-54 Ja '60. (MIRA 13:5)
(Shipbuilding--Supplies)
(Plastics)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T., inzh.

Glass reinforced plastics for coating hulls and superstructures of wooden vessels. Rech.transp. 19 no.8:56 Ag '60. (MIRA 14:3)
(Glass reinforced plastics) (Ships—Painting)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T., inzh.

Protecting harbors from floating petroleum products. Rech. transp. 20 no. 2:57-59 F '61. (MIRA 14:2)
(Oil pollution of rivers, harbors, etc.)
(Oil reclamation)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.

Manufacture of plastic ship plating with a foamed plastic interlayer. Rech.transp. 19 no.9:55-56 S '60. (MIRA 13:9)
(Boatbuilding) (Plastics)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A.

Grabs for packaged sawed lumber [from "Cargo handling" no.1, 1959]. Proizv.-tekh. sbor. no.4:119 '59. (MIRA 13:10)
(Great Britain--Cargo handling) (Lumber--Transportation)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

FYARIN, T.A., inzh.

Closed deckless launch. [from "Hansa" no.8/9, 1959]. Proizv.-tekh. sbor. no.3:125-126 '59. (MIRA 13:10)
(Germany, West--Lifeboats)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Vacuum method for molding of plastics for boatbuilding [from the book "Fiberglas Reinforced Plastics"]. Proizv.-tekh.sbor. no.3:122-123 '59. (MIRA 13:10)

(Plastics--Molding) (Boatbuilding)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Self-propelled barges for the transportation of cement (from "Revue de la Navigation i. et R." no.18, 1958. Proizv.-tekh. sbor no.1:113 '59. (MIRA 13:9)
(France--Barges)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Cast plastic gearings (from "Copes Plastic Book") Proizv.-tekh. sbor no.1:114 '59. (MIRA 13:9)
(United States--Plastics--Molding)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Streamlined bulb for the reduction of propeller and rudder vibration (from "Shipbuilding and Shipping Record," no.3, 1959). Proizv.-tekh. sbor no.1:114-115 '59. (MIRA 13:9)
(Great Britain--Ship propulsion)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A.

Highly efficient apron conveyer [from "Mechanical] Handling" no. 4, 1959] Proizv.-tekh. sbor. no.2:119-120 '59. (MIRA 13:10)
(Great Britain--Conveying machinery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A.

Sectional floating platforms [from "Mechanical Handling" no.11, 1958, "Ship. Record" no.13, 1958]. Proizv.-tekh. sbor. no.2:120-122 '59. (MIRA 13:10)

(Great Britain--Work boats)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A.

Pulsating pneumatic breakwater [from "Marine News" no.9, 1959].
Proizv.-tekh. sbor. no.2:123-124 '59. (MIRA 13:10)
(Great Britain--Breakwaters)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A.

Cargo transportation in floating containers. Rech.transp. 18 no.11:52-53 N '59. (MIRA 13:4)
(Containers) (Europe, Western--Inland water transportation)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Press molding of plastics in boatbuilding [from the book "Fiberglas Reinforced Plastics"]. Proizv.-tekh. sbor. no.3:124-125 '59. (MIRA 13:10)

(Plastics--Molding) (Boatbuilding)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T., inzh.

Operation of pushed barge trains on the Rhine. Rech. transp. 22 no.11:60-61 N '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Recent developments in modern U.S. river tugs. Rech.transp. 18 no.5:55-56 My '59. (MIRA 12:9)
(United States--Tugboats)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARIN, T.A., inzh.

Large inland waterway vessels of the U.S.A. Mech.transp. 18 no.6:53-54 Je '59. (MIRA 12:9)
(United States--Ships)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARNA, A.

Marine museum in Tallinn. Mor. flot 22 no.7:41 Jl '62. (MIRA 15:7)

1. Direktor Estonskogo gosudarstvennogo morskogo muzeya.
(Tallinn—Museums) (Merchant marine—Museums)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

NURMAND, L.B.; PERVIK, S.G.; PYARNA, R.A. [Pärna, R.]

Distribution of barbiturates in the organism during artificial hypothermia. Farm. i toks. 28 no.5:534-535 S-O '65.
(MIRA 18:12)

1. Kafedra farmakologii (zav. - doktor med.nauk prof. G.Ya. Kingisepp) Tartuskogo gosudarstvennogo universiteta. Submitted May 16, 1964.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARNAPUU, A.[Parnapuu,A.], kand. tekhn. nauk, ispol. obyazan. dots.;
BUSSEL', O. [Bussel,O.], ispol. obyazan. dots.

[Laboratory work on physical metallurgy] Laboratornye raboty po metallovedeniiu. Tallinn, Tallinskii politekhn. in-t, 1964. 35 p. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

L 63009-65 EWT(1)/EWP(m)/EWA(d)/FCS(k)/EWA(1) Pd-1

ACCESSION NR: AP5016263 UR/0258/65/005/003/0431/0440
533.6.011.8

30
28
B

AUTHOR: Pyarnpuu, A. A. (Moscow)

TITLE: Interaction of a gas stream with a solid wall

SOURCE: Inzhenernyy zhurnal, v. 5, no. 3, 1965, 431-440

TOPIC TAGS: molecular collision mechanism, molecular interaction, crystal surface, gas flow, Lennard Jones potential

ABSTRACT: The interaction of a gas stream with a solid wall was analyzed in detail in the framework of molecular interactions. The wall molecules are denoted by the

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L 63009-65
ACCESSION NR: AP5016263

$$E = \frac{\mu\rho N c^3 \cos\alpha}{(1+\mu)^2} \iint_{p\Phi} (1 - \cos\chi)\, p\,dp\,d\Phi,$$

where P is the velocity increase vector, E is the energy increase per unit area, and Φ is the angle defining the intercept of the two planes (x,y) and (ξ, η), the [illegible] approaching the wall.

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sure): zone I- the boundary of [illegible]
mathematically by

$$r = R_0 + \varepsilon(\gamma, \beta),$$

$$\varepsilon(\gamma, \beta) = -\frac{f(R_0, \gamma, \beta)}{\left.\frac{\partial f}{\partial r}\right|_{r=R_0}},$$

3- the trajectory of the gas molecule. For a cubical crystal model the following quantities are derived:

$$\alpha_0 = 0, \quad \alpha_{s0} = \pi/4, \quad \alpha_{s0} = \pi/3,$$

$$\Phi_{s0} = \arcsin\sqrt{\frac{4\cos^2\alpha - 1}{4\cos^2\alpha - \sin^2\alpha}}, \quad \Phi_s = \operatorname{arc\,tg}\frac{1}{\sin\alpha},$$

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L 63009-65
ACCESSION NR: AP5016263

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$$r_0 = \frac{\sigma}{1-\sin^2\alpha\sin^2\Phi}\left(2\cos^2\alpha\sin\Phi - \sqrt{(5\cos^2\alpha-1)\sin^2\Phi+(1-4\cos^2\alpha)}\right),$$

$$r_{01} = \frac{\sigma}{1-\sin^2\alpha\sin^2\Phi}\left(2\cos^2\alpha\sin\Phi + \sqrt{(5\cos^2\alpha-1)\sin^2\Phi+(1-4\cos^2\alpha)}\right),$$

where α is an angle in the (y,z) plane. It is shown that the momentum exchange between the gas and wall particles is a maximum at $\alpha = 0$ and becomes zero at $\alpha = \pi/2$. "The author thanks S. V. Ballander and R. G. Barantsev for their valuable advice in this work." Orig. art. has: 31 formulas and 4 figures.

ASSOCIATION: none

SUBMITTED: 20May64 ENCL: 01 SUB CODE: ME

NO REF SOV: 004 OTHER: 001

Card 3/4

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L 63009-65

ACCESSION NR: AP5016263

ENCLOSURE: 01

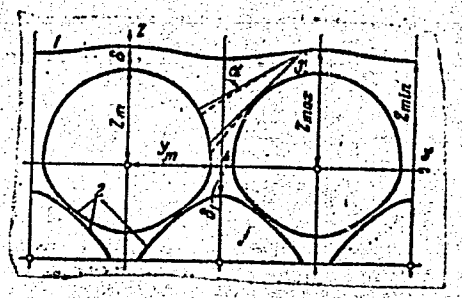

Fig. 1.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

L 8088-66 EWT(1)/EWP(m)/FCS(k)/ETC(m)/EWA(1) WW

ACC NR: AP5026686 SOURCE CODE: UR/0258/65/005/005/0854/0861

55

AUTHOR: Pyarnpuu, A. A. (Moscow)

64
58
B

ORG: None

TITLE: Calculation of accomodation coefficients

SOURCE: Inzhenernyy zhurnal, v. 5, no. 5, 1965, 854-861

1, 55

TOPIC TAGS: gas dynamics, accomodation coefficient, mathematic analysis

ABSTRACT: The article considers a solid body in the form of a three dimensional aggregation of interconnected particles (atoms), arranged at the initial moment in their equilibrium positions which determine the structure of the crystal lattice. A cubic lattice is assumed. The strength of the interconnection between the initial atom and the nearest neighboring atoms, and between the latter and their neighbors, depends on the relative mixing of the atoms. The angle of incidence of the particles of a gas on the wall is arbitrary. Two variants of the problem are considered: 1) collision of an atom of a gas with the initial atom of the surface, if between the atoms of the wall there are elastic forces with a constant, k, which is identical in all directions, even from the side of the nearest neighbors; 2) collision of an atom

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L 8088-66

ACC NR: AP5026686

6

of a gas with the initial atom of the surface which is bound to its nearest neighbors by a potential, V_1, while the bond of the remaining atoms of the wall is elastic. Systems of equations are set up for the two cases and, by mathematical manipulation are brought into a form suitable for integration and calculation of the accomodation coefficients. "The author thanks A. A. Nikol'skii for his direction of the work, V. B. Leonas for his useful discussions, and V. I. Pagurova for her help in carrying out the calculations." Orig. art. has: 3 formulas and 2 figures

SUB CODE: ME/ SUBM DATE: 14Jan65/ ORIG REF: 005/ OTH REF: 006

Card 2/2

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARNAPUU, A. K.

PYARNAPUU, A. K.: "The properties of cast iron with spherical graphite". Leningrad, 1955. Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. (Dissertations for the Degree of Candidate of Technical Sciences.)

So: Knizhnaya letopis' No. 49, 3 December 1955. Moscow.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARTLI, A. P.

KOLOBANOV, S.K.; BULAVA, M.N.; DANILENKO, M.D.; PYARTLI, A.P.; ALEKSANDROVSKIY, A., red.; IOAKIMIS, A., tekhn.red.

[Plumbing; planning and installing] Sanitarno-tekhnicheskoe oborudovanie zdanii; proektirovanie i montazh. Kiev, Gos. izd-vo lit-ry po stroit.i arkhit.USSR, 1957. 276 p. (MIRA 11:1)
(Plumbing)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

KLISENKO, N.B.; PYARTLI, B.A.; SAVENKO, S.S.

The PK-1 rocker arm. Avtom. svar., 17 no.3:92-93 Mr '64. (MIRA 17:11)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343720006-5

PYARTLI, K.P., dots.

Influence of the geographical environment upon the productivity and territorial distribution of labor. Nauk. zap. Kyiv. un. 17 no.1:115-130 '58. (MIRA 13:11)

(Labor productivity)
(Man--Influence of environment)

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